

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 July 2005 (28.07.2005)

PCT

(10) International Publication Number
WO 2005/067701 A1

(51) International Patent Classification⁷: **A01J 5/013**
(21) International Application Number:
PCT/EP2004/014776

(22) International Filing Date:
22 December 2004 (22.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04250073.6 8 January 2004 (08.01.2004) EP

(71) Applicant (for all designated States except US):
DELAVAL HOLDING AB [SE/SE]; P.O. Box 39,
S-147 21 Tumba (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **UMEGÅRD, Anders** [SE/SE]; Tibaststigen 22, S-144 33 Rönninge (SE).
CHRISTENSEN, John, M. [DK/DK]; Munkebo 13,
DK-7080 Børkop (DK).

(74) Agent: **LERWILL, John**; A.A. Thornton & Co., 235 High
Holborn, London WC1V 7LE (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

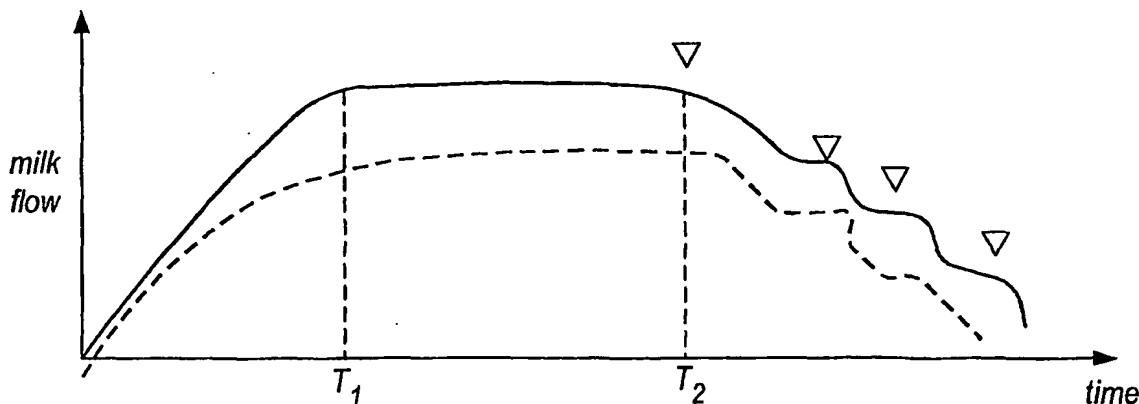
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MILKING METHOD AND APPARATUS



(57) Abstract: An animal milking method and apparatus wherein a single milk meter measures the total milk flow from all four quarters of an animals udder, and the data generated by the milk meter is used to detect a departure from a predicted milk flow versus time relationship, indicative of an injured teat or an infected udder quarter, for altering the herdsman to a condition which warrants medical inspection of the animal concerned.

WO 2005/067701 A1